Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1. (previously presented) An electric field control material including a polymer matrix in which is dispersed a so-called non-linear filler having non-linear electric resistance properties, wherein the non-linear filler includes at least 97% by weight of zinc oxide as a homogeneous powder, and less than 3% by weight of at least one metal oxide as traces.
- 2. (previously presented) The material according to claim 1, wherein the non-linear filler includes less than 99.8% by weight of the zinc oxide as a homogenous powder.
- 3. (previously presented) The material according to claim 1, wherein the grains composing the zinc oxide powder of the non-linear filler have dimensions in majority less than 50 μm.
- 4. (withdrawn) The material according to claim 1, wherein each metal oxide is selected from the group consisting of lead oxide, cadmium oxide, iron(III) oxide, copper oxide and manganese oxide.

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- 5. (previously presented) The material according to claim 1, wherein the zinc oxide of the non-linear filler is doped with at least one non-metal element.
- 6. (withdrawn) The material according to claim 5, wherein each non-metal element is sulphur or boron.
- 7. (previously presented) The material according to claim 1, wherein it includes a so-called linear filler having linear electric resistance properties.
- 8. (previously presented) The material according to claim 7, wherein the volume of the linear filler accounts for less than 25% of the volume of the non-linear filler.
- 9. (previously presented) The material according to claim 1, wherein it includes an insulating filler.
- 10. (previously presented) The material according to claim 9, wherein the insulating filler accounts for less than 10% by volume of said material.
- 11. (previously presented) The material according to claim 1, wherein the non-linear or the combination of the non-linear and the linear filler volume substantially accounts for 5 to

60% of the volume of said material.

- 12. (previously presented) The material according to claim 1, wherein the zinc oxide has a direct current resistivity which is less than $10^9 \Omega$.m.
- 13. (previously presented) A termination for an electric cable, wherein it includes at least one electric field distributor element, including a material according to claim 1.
- 14. (previously presented) A connecting device for electrical cables, wherein it includes at least one electric field distributor element including a material according to any of claims 1.
- 15. (previously presented) A current limiting device, wherein it includes at least one PTC effect element, including a material according to claim 1.
- 16. (previously presented) A power cable, wherein it includes at least one electric field distributor element including a material according to claim 1.
- 17. (previously presented) Self-regulating heating cable, wherein it includes at least one PTC effect heating element including a material according to claim 1.

- 18. (previously presented) The material according to claim 3, wherein the grains composing the zinc oxide powder of the non-linear filler have dimensions in majority less than $10 \ \mu m$.
- 19. (previously presented) The material according to claim 11, wherein the non-linear or the combination of the non-linear and the linear filler volume substantially accounts for 15 to 40% of the volume of said material.
- 20. (previously presented) The material according to claim 12, wherein the zinc oxide has a direct current resistivity which is less than $10^8 \Omega$.m.